





an Open Access Journal by MDPI

# **New Challenges in Lignocellulosic Biomass Conversion**

Guest Editor:

### Dr. Antigoni Margellou

Laboratory of Chemical and Environmental Technology, Department of Chemistry, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Deadline for manuscript submissions:

15 October 2024

## **Message from the Guest Editor**

Dear Colleagues,

We are pleased to welcome submissions for a new Special Issue entitled "New Challenges in Lignocellulosic Biomass Conversion".

This Special Issue will focus on the application of emerging technologies for the conversion of lignocellulosic biomass to value-added chemicals. Original contributions and reviews are highly welcome. Research areas may include (but are not limited to) the following:

- Biomass pre-treatment of isolated cellulose, hemicellulose and lignin;
- Thermo-, bio- and photocatalytic conversion of lignocellulosic biomass streams;
- The production of fuels, chemicals and polymers from waste lignocellulosic biomass.

We look forward to receiving your contributions.











an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

## **Message from the Editor-in-Chief**

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Engineering (miscellaneous)*)

#### **Contact Us**